

04/11
#2



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/020,618

DATE: 04/17/2002

TIME: 11:53:16

Input Set : N:\Crf3\RULE60\10020618.raw
 Output Set: N:\CRF3\04172002\J020618.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Bandman, Olga
6 Goli, Surya K.8 (ii) TITLE OF INVENTION: A NOVEL H-REV107-LIKE
9 PROTEIN

11 (iii) NUMBER OF SEQUENCES: 4

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
 15 (B) STREET: 3174 Porter Drive
 16 (C) CITY: Palo Alto
 17 (D) STATE: CA
 18 (E) COUNTRY: USA
 19 (F) ZIP: 94304

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Diskette
 23 (B) COMPUTER: IBM Compatible
 24 (C) OPERATING SYSTEM: DOS
 25 (D) SOFTWARE: FastSEQ for Windows Version 2.0

ENTERED

27 (vi) CURRENT APPLICATION DATA:

C--> 28 (A) APPLICATION NUMBER: US/10/020,618
 C--> 29 (B) FILING DATE: 06-Dec-2001

30 (C) CLASSIFICATION:

32 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: 08/801,742
 34 (B) FILING DATE:

36 (viii) ATTORNEY/AGENT INFORMATION:

37 (A) NAME: Billings, Lucy J.
 38 (B) REGISTRATION NUMBER: 36,749
 39 (C) REFERENCE/DOCKET NUMBER: PF-0200 US

41 (ix) TELECOMMUNICATION INFORMATION:

42 (A) TELEPHONE: 415-855-0555
 43 (B) TELEFAX: 415-845-4166

45 (2) INFORMATION FOR SEQ ID NO: 1:

47 (i) SEQUENCE CHARACTERISTICS:

48 (A) LENGTH: 164 amino acids
 49 (B) TYPE: amino acid
 50 (C) STRANDEDNESS: single
 51 (D) TOPOLOGY: linear

54 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

56 Met Ala Ser Pro His Gln Glu Pro Lys Pro Gly Asp Leu Ile Glu Ile

57 1 5 10 15

58 Phe Arg Leu Gly Tyr Glu His Trp Ala Leu Tyr Ile Gly Asp Gly Tyr

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59	20	25	30	
60	Val Ile His Leu Ala Pro Pro Ser Glu Tyr Pro Gly Ala Gly Ser Ser			
61	35	40	45	
62	Ser Val Phe Ser Val Leu Ser Asn Ser Ala Glu Val Lys Arg Glu Arg			
63	50	55	60	
64	Leu Glu Asp Val Val Gly Gly Cys Cys Tyr Arg Val Asn Asn Ser Leu			
65	65	70	75	80
66	Asp His Glu Tyr Gln Pro Arg Pro Val Glu Val Ile Ile Ser Ser Ala			
67	85	90	95	
68	Lys Glu Met Val Gly Gln Lys Met Lys Tyr Ser Ile Val Ser Arg Asn			
69	100	105	110	
70	Cys Glu His Phe Val Thr Gln Leu Arg Tyr Gly Lys Ser Arg Cys Lys			
71	115	120	125	
72	Gln Val Glu Lys Ala Lys Val Glu Val Gly Val Ala Thr Ala Leu Gly			
73	130	135	140	
W--> 74	Ile Leu Val Val Ala Gly Cys Ser Phe Xaa Ile Arg Arg Arg Tyr Gln Lys			
75	145	150	155	160
76	Lys Ala Thr Ala			
79	(2) INFORMATION FOR SEQ ID NO: 2:			
81	(i) SEQUENCE CHARACTERISTICS:			
82	(A) LENGTH: 577 base pairs			
83	(B) TYPE: nucleic acid			
84	(C) STRANDEDNESS: single			
85	(D) TOPOLOGY: linear			
88	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:			
90	AAACAAGAGG AGCACCAAGAC CTCCTCTTGG CTTCGAGATG GCTTCGCCAC ACCAAGAGCC	60		
91	CAAACCTGGA GACCTGATTG AGATTTCCG CCTTGCTAT GAGCACTGGG CCCTGTATAT	120		
92	AGGAGATGGC TACGTGATCC ATCTGGCTCC TCCAAGTGAG TACCCCCGGG CTGGCTCCTC	180		
93	CAGTGTCTTC TCAGTCCTGA GCAACAGTGC AGAGGTGAAA CGGGAGCGCC TGGAAGATGT	240		
94	GGTGGGAGGC TGTTGCTATC GGGTCAACAA CAGCTTGGAC CATGAGTACC AACCAACGGCC	300		
95	CGTGGAGGTG ATCATCAGTT CTGCGAAGGA GATGGTTGGT CAGAAGATGA AGTACAGTAT	360		
96	TGTGAGCAGG AACTGTGAGC ACTTTGTCA C CAGCTGAGA TATGGCAAGT CCCGCTGTAA	420		
97	ACAGGTGGAA AAGGCCAAGG TTGAAGTCGG TGTGGCCACG GCGCTTGGAA TCCTGGTTGT	480		
98	TGCTGGATGC TCTTTGNGA TTAGGAGATA CCAAAAAAAA GCGACAGCCT GAAGCAGCCA	540		
99	CAAAATCCTG TGTTAGAACG AGCTGTGGGG GTCCCAA	577		
101	(2) INFORMATION FOR SEQ ID NO: 3:			
103	(i) SEQUENCE CHARACTERISTICS:			
104	(A) LENGTH: 162 amino acids			
105	(B) TYPE: amino acid			
106	(C) STRANDEDNESS: single			
107	(D) TOPOLOGY: linear			
109	(vii) IMMEDIATE SOURCE:			
110	(A) LIBRARY: GenBank			
111	(B) CLONE: 1054752			
113	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:			
115	Met Arg Ala Pro Ile Pro Glu Pro Lys Pro Gly Asp Leu Ile Glu Ile			
116	1 5 10 15			
117	Phe Arg Pro Phe Tyr Arg His Trp Ala Ile Tyr Val Gly Asp Gly Tyr			
118	20 25 30			

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119 Val Val His Leu Ala Pro Pro Ser Glu Val Ala Gly Ala Gly Ala Ala
120 35 40 45
121 Ser Val Met Ser Ala Leu Thr Asp Lys Ala Ile Val Lys Lys Glu Leu
122 50 55 60
123 Leu Tyr Asp Val Ala Gly Ser Asp Lys Tyr Gln Val Asn Asn Lys His
124 65 70 75 80
125 Asp Asp Lys Tyr Ser Pro Leu Pro Cys Thr Lys Ile Ile Gln Arg Ala
126 85 90 95
127 Glu Glu Leu Val Gly Gln Glu Val Leu Tyr Lys Leu Thr Ser Glu Asn
128 100 105 110
129 Cys Glu His Phe Val Asn Glu Leu Arg Tyr Gly Val Ala Arg Ser Asp
130 115 120 125
131 Gln Val Arg Asp Val Ile Ile Ala Ala Ser Val Ala Gly Met Gly Leu
132 130 135 140
133 Ala Ala Met Ser Leu Ile Gly Val Met Phe Ser Arg Asn Lys Arg Gln
134 145 150 155 160
135 Lys Gln

138 (2) INFORMATION FOR SEQ ID NO: 4:

140 (i) SEQUENCE CHARACTERISTICS:
141 (A) LENGTH: 160 amino acids
142 (B) TYPE: amino acid
143 (C) STRANDEDNESS: single
144 (D) TOPOLOGY: linear

146 (vii) IMMEDIATE SOURCE:

147 (A) LIBRARY: GenBank
148 (B) CLONE: 1709969

150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

152 Met Pro Ile Pro Glu Pro Lys Pro Gly Asp Leu Ile Glu Ile Phe Arg
153 1 5 10 15
154 Pro Met Tyr Ser His Trp Ala Ile Tyr Val Gly Asp Gly Tyr Val Ile
155 20 25 30
156 His Leu Ala Pro Pro Ser Glu Ile Pro Gly Ala Gly Ala Ala Ser Ile
157 35 40 45
158 Met Ser Ala Leu Thr Asp Lys Ala Ile Val Lys Lys Glu Leu Leu Arg
159 50 55 60
160 Asp Val Ala Gly Lys Asp Lys Tyr Gln Val Asn Asn Lys His Asp Lys
161 65 70 75 80
162 Glu Tyr Thr Pro Leu Pro Leu Asn Lys Ile Ile Gln Arg Ala Glu Glu
163 85 90 95
164 Leu Val Gly Gln Glu Val Leu Tyr Arg Leu Thr Ser Glu Asn Cys Glu
165 100 105 110
166 His Phe Val Asn Glu Leu Arg Tyr Gly Val Pro Arg Ser Asp Gln Val
167 115 120 125
168 Arg Asp Thr Val Lys Val Ala Thr Val Thr Gly Val Gly Leu Ala Ala
169 130 135 140
170 Leu Gly Leu Ile Gly Val Met Leu Ser Arg Asn Lys Lys Gln Lys Gln
171 145 150 155 160

VERIFICATION SUMMARY

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L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1